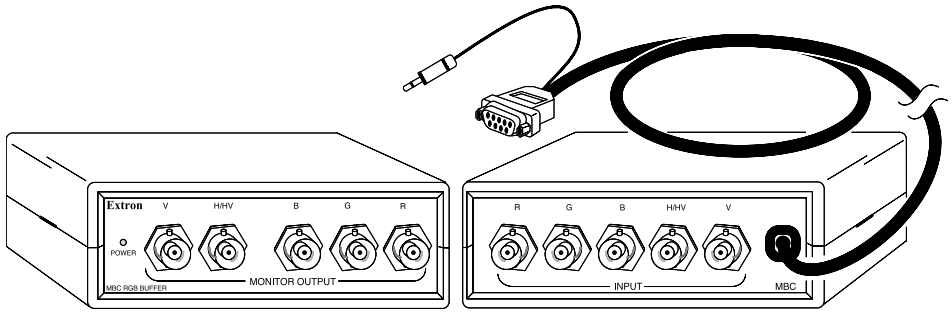
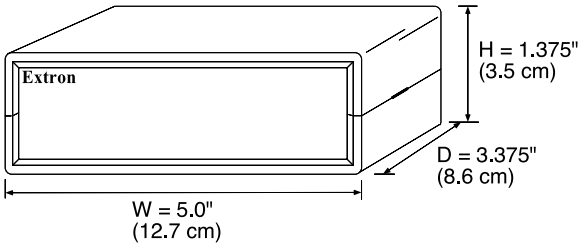
Extron Electronics
INTERFACING, SWITCHING AND DISTRIBUTION

User's Guide



MBC RGB Buffer

P/N 26-176-01



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MBC RGB Buffer Operation

The Extron MBC RGB Buffer is a high resolution buffer for use when interfacing CAD workstations, Hi Res PCs, minicomputers or terminals with RGB BNC outputs to any one of the Extron interfaces listed below. This combination allows projection of the video signal from the computer to a compatible large screen data projector or monitor while maintaining simultaneous local Workstation monitor viewing.

The MBC RGB Buffer input signal can be:

- Red, green and blue with separate composite sync.
- Red, green and blue with sync on green.
- Red, green and blue with separate H and V sync.

Power is supplied to the MBC RGB Buffer through the cable from an MBC power jack located on the RGB Interface device.

The following Extron interfaces are compatible with the MBC RGB Buffer:

RGB 106E	RGB 108	RGB 108 PLUS
RGB 116	RGB 118	RGB 118 PLUS
RGB 120	RGB 200	RGB 202
RGB 202 PLUS	RGB 202xi	RGB 202 VS2
RGB 202 VS SL2	RGB 202 VTG	RGB 300

Installation Instructions

Make all connections with system power off to eliminate all possible termination or mode problems. Required equipment for installation is:

- MBC RGB Buffer (P/N 26-176-01)
- RGB Interface
- BNC-4-XX or BNC-5-XX (or equivalent) High Resolution Cable.

Refer to the diagram on the facing page and do the following:

1. Disconnect the local workstation monitor at the system.

2A. Connect one end of the BNC-4 or 5-XX (or equivalent) High Resolution Cable (3 feet maximum) to the video and sync outputs of the Workstation (2A).

2B. Connect the other end of the cable to the video and sync inputs of the MBC RGB Buffer (2B).

3. Connect the workstation's monitor to the MBC RGB Buffer output using the BNC cables disconnected in step 1 (3).
4. Connect the MBC RGB Buffer 6 foot cable, 9 pin connector to the Analog/ECL input of the interface being used (4).
5. Plug the MBC RGB Buffer power connector (5) into the Interface MBC power jack which is located on the rear panel of the Interface (front panel of RGB 118 and RGB 118 PLUS).

NOTE: To activate power to the MBC RGB Buffer, an RGB 106E, 108, 200 or 202 must have dip switches 1 & 8 in the ON position. An RGB 108 PLUS or 202 PLUS must have dip switch 3 in the ON position.

7. Turn power ON and check for proper operation.

If you require technical assistance, please call Extron at 714 491-1500 or 800 633-9876.